
Subject: Re: Merging Datasets

Posted by [Bridgette-DHS](#) on Thu, 19 Jan 2017 18:19:40 GMT

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Following is a response from Senior DHS Stata Specialist, Tom Pullum:

I do not use SAS. The following Stata program will do this merge. You should be able to figure out the logic. You would also have to change the paths for the input and output files, of course.

* Merge AR IR MR files for Kenya 2008-09 DHS

```
set more off
use e:\DHS\ DHS_data\AR_files\KEAR51FL.dta, clear

* construct id's that can match the IR file or the MR file
gen v001=hivclust
gen v002=hivnumb
gen v003=hivline
sort v001 v002 v003
save e:\DHS\scratch\artemp.dta, replace
```

```
use e:\DHS\ DHS_data\IR_files\KEIR52FL.dta, clear
sort v001 v002 v003
merge v001 v002 v003 using e:\DHS\scratch\artemp.dta
tab _merge
keep if _merge==3
gen sex=2
save e:\DHS\scratch\KE51_IR_AR.dta, replace
```

```
use e:\DHS\ DHS_data\AR_files\KEAR51FL.dta, clear
gen mv001=hivclust
gen mv002=hivnumb
gen mv003=hivline
sort mv001 mv002 mv003
save e:\DHS\scratch\artemp.dta, replace
```

```
use e:\DHS\ DHS_data\MR_files\KEMR52FL.dta
sort mv001 mv002 mv003
merge mv001 mv002 mv003 using e:\DHS\scratch\artemp.dta
tab _merge
keep if _merge==3
gen sex=1
save e:\DHS\scratch\KE51_MR_AR.dta, replace
```

* NOTE: rename mv variables to match the v variables

```
rename mv* v*
append using e:\DHS\scratch\KE51_IR_AR.dta
```

```
* in this file  
sort v001 v002 v003  
label define sex 1 "man" 2 "woman"  
label values sex sex  
  
tab sex hiv03, row  
tab sex hiv03 [iweight=hiv05/1000000], row  
  
save e:\DHS\scratch\KE51_IR_MR_AR.dta, replace
```
